

ADDENDUM NO. 2- OSHPD ITEM 24-EDITORIAL CORRECTIONS
PAGE 52 OF THE MAY 2000 MONOGRAPH

Part 3

ITEM 24
 OSHPD 2/99

APPROVED As Amended per
 Comment 1 in the December
 1999 Monograph, page 120

PART 3, ALL ARTICLES

PART 4, SECTION 108.1.1.12.3

PART 5, Section 101.11

REPEAL ARTICLES OF THE 1996 NATIONAL ELECTRICAL CODE (NEC) AS PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AS ADOPTED IN THE 1998 CALIFORNIA ELECTRICAL CODE (CEC) BY THE OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT.

ADOPT VARIOUS ARTICLES OF THE 1999 NEC AS PUBLISHED BY NFPA WITH NECESSARY CALIFORNIA AMENDMENTS AND CARRY FORWARD EXISTING AMENDMENTS.

ADOPT THE FOLLOWING ARTICLES:

	OSHPD Adoptions			
1999 NEC Code Section	1	2	3	4
ARTICLE 089 - CA ADMINISTRATI ON				
089-1 through 089-6 - CA	X	X	X	X
089-7--#7 - CA	X	X	X	X
089-8 through 089-11 - CA	X	X	X	X
90	X	X	X	X
Chapter 1. General				
100	X	X	X	X
110			X	
110 As amended (amendment listed below)	X	X		X
110-13(c) - CA	X	X		X
110-26(f), Excep. 2 - CA	X	X		X
Chapter 2. Wiring and Protection				
200	X	X	X	X
210	X	X	X	X
215	X	X	X	X
220	X	X	X	X

	OSHPD Adoptions			
1999 NEC Code Section	1	2	3	4
225	X	X	X	X
230	X	X	X	X
240	X	X	X	X
250	X	X	X	X
280	X	X	X	X
Chapter 3. Wiring Methods and Materials				
300	X	X	X	X
305	X	X	X	X
310	X	X	X	X
318 As amended (amendments listed below)	X	X	X	X
318-4 - CA	X	X	X	X
320	X	X	X	X
321	X	X	X	X
324	X	X	X	X
325	X	X	X	X
326	X	X	X	X
328	X	X	X	X
330	X	X	X	X
331 As amended (amendments listed below)	X	X	X	X
331-4 (10) - CA	X	X	X	X
333	X	X	X	X
334	X	X	X	X
336	X	X	X	X
338	X	X	X	X
339	X	X	X	X
340	X	X	X	X
342 As amended (amendment listed below)	X	X	X	X
342-4(f) - CA	X	X	X	X
343	X	X	X	X
345	X	X	X	X
346	X	X	X	X
347 As amended (amendment listed below)	X	X	X	X
347-3(g)	X	X	X	X
348	X	X	X	X
349	X	X	X	X
350	X	X	X	X
351	X	X	X	X

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	OSHPD Adoptions			
1999 NEC Code Section	1	2	3	4
352 AS AMENDED (amendment listed below)	X	X	X	X
352-22(a) (c) - CA	X	X	X	X
353 As amended (amendment listed below)	X	X	X	X
353-2(a) (c) - CA	X	X	X	X
354	X	X	X	X
356	X	X	X	X
358	X	X	X	X
362	X	X	X	X
363	X	X	X	X
364	X	X	X	X
365	X	X	X	X
370	X	X	X	X
373	X	X	X	X
374	X	X	X	X
380	X	X	X	X
384	X	X	X	X
384-4 Exception 2 - CA	X	X	X	X
Chapter 4. Equipment for General Use				
400	X	X	X	X
402	X	X	X	X
410	X	X	X	X
411	X	X	X	X
422	X	X	X	X
424	X	X	X	X
426	X	X	X	X
427	X	X	X	X
430	X	X	X	X
440	X	X	X	X
445	X	X	X	X
450	X	X	X	X
455	X	X	X	X
460	X	X	X	X
470	X	X	X	X
480	X	X	X	X
490	X	X	X	X
Chapter 5. Special Occupancies				
500	X	X	X	X
501	X	X	X	X
502	X	X	X	X
503	X	X	X	X

	OSHPD Adoptions			
1999 NEC Code Section	1	2	3	4
504	X	X	X	X
505	X	X	X	X
510	X	X	X	X
511	X	X	X	X
513	X	X	X	X
514	X	X	X	X
515	X	X	X	X
516	X	X	X	X
517 As amended (amendments listed below)	X	X	X	X
517-3 (2) (b) - CA	X	X	X	X
517-4 - CA	X	X		X
517-10.1 - CA	X	X	X	X
517-18 (a.1) w/excps. 2 & 2.1 - CA	X	X	X	X
517-18(b) excps. 1 & 3 - CA	X	X	X	
517-18 (d) - CA	X	X		X
517-19 (b) excp. 1 - CA	X	X		X
517-22, 23, 24 - CA	X	X	X	X
517-30 (a) - CA	X			X
517-30 (b) 6-7 - CA	X	X		X
517-30 (d.1) - CA	X	X	X	X
517-32 (c) 3 (f) - CA	X			
517-33 (a) 8 (j)-(n) - CA	X			
517-34 (b) (1.1) - CA	X			X
517-40 (a.1) - CA	X	X		X
517-42 (c) (3) - CA	X	X		X
517-43 (a) 5 & 6 - CA	X	X		X
517-43 (b) (1.1) - CA	X	X		X
517-44 (b.1) - CA	X	X		X
517-50 (c) (1) w/excp. 2 1 - CA	X	X	X	X
517-50 (d), (e) - CA	X	X	X	X
517-123 - CA	X	X	X	X
518	X	X	X	X
520	X	X	X	X
525	N/A	N/A	N/A	N/A

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	OSHPD Adoptions			
1999 NEC Code Section	1	2	3	4
530	N/A	N/A	N/A	N/A
540	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
545	X	X	X	X
547	N/A	N/A	N/A	N/A
550	X	X	X	X
551	N/A	N/A	N/A	N/A
552	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
553	N/A	N/A	N/A	N/A
555	N/A	N/A	N/A	N/A
Chapter 6. Special Equipment				
600	X	X	X	X
604	X	X	X	X
605	X	X	X	X
610	X	X	X	X
620		X	X	X
620 As amended (amendment listed below)	X			
620-21 (a) 5 - <u>CA</u>	X			
625	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
630	X	X	X	X
640	X	X	X	X
645	X	X	X	X
650	X	X	X	X
660	X	X	X	X
665	X	X	X	X
668	X	X	X	X
669	X	X	X	X
670	X	X	X	X
675	X	X	X	X
680			X	
680 As amended (amendment listed below)	X	X		X
680-62 (f)-(g) (1) – CA	X	X		X
685	X	X	X	X
690	X	X	X	X
695	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Chapter 7. Special Conditions				
700 As amended (amendment listed below)	X	X	X	X

	OSHPD Adoptions			
1999 NEC Code Section	1	2	3	4
700-12 (b) (2) excps. 1, 2, & 3 - CA	X	X	X	X
701	X	X	X	X
702	X	X	X	X
705	X	X	X	X
720	X	X	X	X
725	X	X	X	X
727	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
760	X	X	X	X
770	X	X	X	X
780	X	X	X	X
Chapter 8. Communications Systems				
800	X	X	X	X
810	X	X	X	X
820	X	X	X	X
830	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Chapter 9. Tables	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Appendix C	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Appendix A Through E	✕	✕	✕	✕

EDITORIALLY AMEND ARTICLE 110-26(f) AS FOLLOWS TO INDICATE PLACEMENT OF THE 1998 CEC CALIFORNIA AMENDMENT INTO THE FOLLOWING 1999 NEC FORMAT:

Note: OSHPD amendment Article 384-4, Exception No. 2 of the 1998 CEC needs to be relocated to correspond with the 1999 NEC. In the 1999 NEC, as depicted below, Article 384-4 refers the code user to Article 110-26(f) for dedicated equipment space requirements.

**Article 110 Requirements for Electrical Installations
B. 600 Volts, Nominal, or Less**

110-26. Spaces About Electrical Equipment. ...

(f) Dedicated Equipment Space. *Equipment within the scope of Article 384, and motor control centers, shall be located in dedicated spaces and protected from damage as covered in (1) and (2).*

Exception No. 1: *Control equipment that by its very nature or because of other rules of the Code must be*

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adjacent to or within sight of its operating machinery shall be permitted in those locations.

Exception No. 2: *[For OSHPD 1, 2 & 4] Wall spaces in patient care rooms shall not be used for the installation of switchboards and panelboards, unless dedicated for that room.*

Article 384 Switchboards and Panel Boards
A. General

384-4. Installation.

FPN: For the dedicated space requirement, see Section 110-26(f).

~~**Exception No. 2:** *[For OSHPD 1, 2, 3, & 4] Wall spaces in patient care rooms shall not be used for the installation of switchboards and panel boards, unless dedicated for that room.*~~

EDITORIALLY AMEND ARTICLE 352-22 AS FOLLOWS TO INDICATE PLACEMENT OF THE 1998 CEC CALIFORNIA AMENDMENT INTO THE FOLLOWING 1999 NEC FORMAT:

Article 352 Surface Metal Raceways and Surface Nonmetallic Raceways
B. Surface Nonmetallic Raceways

352-22. Use.

(a) Permitted. The use of surface nonmetallic raceways shall be permitted in dry locations.

(b) Not Permitted. ...

~~**(a) (c)** *[For OSHPD 1, 2, 3 & 4] Surface nonmetallic raceways shall not be used for branch circuits in patient care areas of hospitals, nursing homes, clinics, and correctional treatment centers, except for low voltage application.*~~

EDITORIALLY AMEND ARTICLE 353-2 AS FOLLOWS TO INDICATE PLACEMENT OF THE 1998 CEC CALIFORNIA AMENDMENT INTO THE FOLLOWING 1999 NEC FORMAT:

Article 353 Multi-outlet Assembly

353-2. Use.

(a) Permitted. The use of multi-outlet assembly shall be permitted in dry locations.

(b) Not Permitted. ...

~~**(a) (c)** *[For OSHPD 1, 2, 3 & 4] Nonmetallic multi-outlet assembly shall not be used in patient care areas of hospitals, nursing homes, clinics and correctional treatment centers.*~~

EDITORIALLY AMEND ARTICLE 517-3 AS FOLLOWS TO INDICATE PLACEMENT OF THE 1998 CEC CALIFORNIA AMENDMENT INTO THE FOLLOWING 1999 NEC FORMAT:

Article 517 Health Care Facilities
A. General

517-3. Definitions. ...

Patient Care Area. Any portion of a health care facility..

~~**(1) (a) General Care Areas. ...**~~

~~**(2) (b) Critical Care Areas.** Critical care areas are those special care units, intensive care units, coronary care units, angiography laboratories, cardiac catheterization laboratories, delivery rooms, operating rooms, *[For OSHPD 1, 2, 3 & 4], post-operative recovery rooms and similar areas in which patients are intended to be subjected to invasive procedures and connected to line-operated, electromedical devices.*~~

AMEND ARTICLE 517-18 (a.1) and (b) AS FOLLOWS:

Article 517 Health Care Facilities
B. Wiring and Protection

517-10. Applicability.

517-10.1 [For OSHPD 1, 2, 3, 4] Applicability.

Part B shall apply to hospitals, nursing homes, clinics and correctional treatment centers.

Exception: *Part B shall not apply to business offices, corridors, waiting rooms and the like in clinics and outpatient facilities.*

517-11. General Installation/Construction Criteria. ...

517-18. General Care Areas.

(a) Patient Bed Location. Each patient bed location shall be supplied by at least two branch circuits, one from the emergency system and one from the normal system. All branch circuits from the normal system shall originate in the same panel board.

(a.1) [For OSHPD 1, 2, 3 & 4] Patient Bed Location Branch Circuits. *Each patient bed location where inpatient care is provided shall be supplied by at least two branch circuits, at least one of which originates in a normal panelboard or equipment emergency branch panel board, and at least one of which originates from the critical branch emergency panelboard.*

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Exception No. 1: Branch circuits serving only special-purpose outlets or receptacles, such as portable X-ray outlets, shall not be required to be served from the same distribution panel or panels.

Exception No. 2: Requirements for Section 517-18(a) shall not apply to patient bed locations in clinics, medical and dental offices, and outpatient facilities; psychiatric, substance abuse, and rehabilitation hospitals; sleeping rooms of nursing homes and limited care facilities meeting the requirements of Section 517-10(b)(2) [for OSHPD 1, 2, 3, 4] Section 517-10.1, Exceptions.

Exception No. 2.1: *[For OSHPD 1, 2, 3,4] Clinics, outpatient facilities, psychiatric, substance abuse and rehabilitation hospitals, nursing homes and correctional treatment centers providing only basic services.*

(b) Patient Bed Location Receptacles. Each patient bed location shall be provided with a minimum of four receptacles. They shall be permitted to be of the single or duplex types or a combination of both. All receptacles, whether four or more, shall be listed "hospital grade" and so identified. Each receptacle shall be grounded by means of an insulated copper conductor sized in accordance with Table 250-122.

Exception No. 1: Requirements of Section 517-18(b) shall not apply to psychiatric, substance abuse, and rehabilitation hospitals meeting the requirements of Section 517-10(b)(2) [for OSHPD 1, 2, 3,4] Section 517-10.1, Exceptions.

Exception No. 2: Psychiatric security rooms shall not be required to have receptacle outlets installed in the room.

Exception No. 3: *[For OSHPD 1, 2 & 3] Hospital grade receptacles shall not be required in-patient sleeping areas in nursing homes.*

EDITORIALLY AMEND 517-30 AS FOLLOWS TO INDICATE PLACEMENT OF THE 1998 CEC CALIFORNIA AMENDMENT INTO THE FOLLOWING 1999 NEC FORMAT:

**Article 517 Health Care Facilities
C. Essential Electrical System**

517-30. Essential Electrical Systems for Hospitals.

- (a) Applicability. ...**
- (b) General. ...**

- (6)** Hospital power sources and alternate power sources shall be permitted to serve the essential electrical systems of contiguous or some site facilities.

~~(6)~~ (7) *[For OSHPD 1, 2 & 4] All automatic transfer switches in general acute care hospitals and correctional treatment centers providing optional services shall have provisions for electrically by-passing and isolating the transfer switch. The by-pass switch shall be capable of by-passing loads to the emergency source or normal source if the selected by-pass source voltage is available.*

EDITORIALLY AMEND ARTICLE 517-50 TO INDICATE PLACEMENT OF THE 1998 CEC CALIFORNIA AMENDMENT INTO THE FOLLOWING 1999 NEC FORMAT:

**Article 517 Health Care Facilities
C. Essential Electrical System**

517-50. Essential Electrical Systems for Clinics, Medical and Dental Offices, and Other Health Care Facilities Not Covered in Sections 517-30, 517-40, and 517-45.

- (a) Applicability. ...**
- (b) Connection.**
- (c) Alternate Source of Power.**

(1)^x Power Source. The alternate source of power for the system shall be specifically designed for this purpose and shall be either a generator, battery system, or self-contained battery integral with the equipment. Where electrical life-support equipment is required, the essential electrical system shall be as required in Sections 517-30 through 517-35.

The Monograph of Commission Actions, May 2000 inadvertently added the word licensed and showed it to be new underlined text. Licensed should not be shown in this section. The existing section text is to remain unamended.

Exception No. 2 1: *[For OSHPD 1, 2, 3 & 4] Ambulatory surgical clinics shall be provided with a generator with on-site fuel.*

- (2) System Capacity. ...**

EDITORIALLY AMEND ARTICLE 680-62 TO INDICATE PLACEMENT OF THE 1998 CEC CALIFORNIA AMENDMENT IN TO THE FOLLOWING 1999 NEC FORMAT:

**Article 680 Swimming Pools,
Fountains, and Similar Installations
F. Pools for Therapeutic Use**

680-62 Therapeutic Tubs (Hydrotherapeutic Tanks). ...

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(g) **Receptacles.** All receptacles within 5 ft. (1.52 m) of a therapeutic tub shall be protected by a ground-fault circuit interrupter.

(1) [For OSHPD 1, 2 & 4] Receptacles and light switches shall not be installed within shower rooms or stalls or be accessible from within these areas. Receptacles and switches shall not be installed within 5 feet (1.52 m) of the perimeter of bathtubs.

THE AMENDMENTS TO PARTS 2 & 3 WERE NOT SHOWN IN THE MAY 2000 MONOGRAPH.

THE FOLLOWING TEXT INDICATES OSHPD's AMENDMENTS TO THE 1998 CALIFORNIA BUILDING, ELECTRICAL, MECHANICAL AND PLUMBING CODE PER OSHPD's FINAL STATEMENT OF REASONS:

**Title 24, Part 2, California Building Code
Chapter 1—Administration**

101.17.13 OSHPD—Office of Statewide Health Planning and Development

3. OSHPD 3...

Application—Licensed cGlinics.

Enforcing Agency—Local building department

Authority Cited—H&SC § 127010, 127015 & 1226.

*Reference—H&SC § 127010, 127015, 129885 & 1226
GC § 54350 & State Constitution Article 11 § 7....*

**Title 24, Part 3, California Electrical Code
Article 089—Administration**

89-7 Application...

7. OSHPD—Office of Statewide Health Planning and Development

C. OSHPD 3

Application—Licensed cGlinics.

Enforcing Agency—Local building department

Authority Cited—H&SC § 446.2, 446.3 and 1226.

*Reference H&SC § 446.2, 446.3 and 1226
GC § 54350 & State Constitution Article 11 § 7.*

**Title 24, Part 4, California Mechanical Code
Chapter 1-- Administration**

Section 108 – POWERS AND DUTIES OF BUILDING OFFICIAL

108.1 General. ...

108.1.1 Application—Vesting Authority. When adopted by a state agency, the provisions of these regulations shall be enforced by the appropriate enforcing agency, but only to the extent of authority granted to such agency by the state legislature.

108.1.1.12 [For OSHPD] Office of Statewide Health Planning and Development.

108.1.1.12.3 [For OSHPD 3]

Application—Licensed cGlinics.

Enforcing Authority—Local Building Departments

Authority Cited—H&SC §446.2, 446.3, and 1226.

Reference—H&SC §446.2, 446.3, and 1226, GC §54350, H&SC §150771.1 and State Constitution Article 11 §7.

**Title 24, Part 5, California Plumbing Code
Chapter 1—Administration**

101.11 Application.

[For OSHPD 3]--

Application—Licensed cGlinics.

Enforcing Authority—Local Building Departments

Authority Cited—H&SC §§127010, 127015 and 1226.

Reference—H&SC §§127010, 127015 and 1226.

* * *
(END OF ITEM)